

## PATENT ABSTRACTS OF JAPAN

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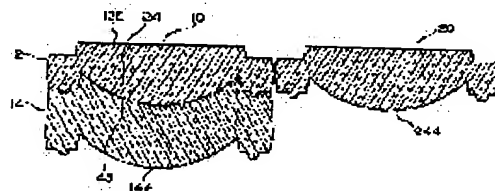
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## (54) ASSEMBLED-TYPE LIGHT-EMITTING DIODE

## (57)Abstract:

PURPOSE: To provide an assembled-type light-emitting diode which can mix color lights, which are hardly mixed with one another, at a comparatively short distance.

CONSTITUTION: In an assembled-type lightemitting diode, where a plurality of light-emitting diodes are juxtaposed with one another in such a way as to emit lights in roughly the same direction, one of the plurality of light-emitting diodes is a laminated light-emitting diode 10, which is constituted into such a structure that a first light-emitting diode 12 provided with an optical surface 124, which reflects lights emitted by a light-emitting element and a light-emitting element provided so as to oppose to the light-emitting surface of the light-emitting element and at the same time, transmits light entering from the back, and a second light-emitting diode 14 for the last step emit lights in roughly the same direction and is arranged into a laminated form.



## LEGAL STATUS

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